

Title (en)

Vacuum cleaner with a filtration chamber and arrangement of a dust bag in a vacuum cleaner

Title (de)

Staubsauger mit einer Filterkammer sowie Anordnung eines Filterbeutels in einem Staubsauger

Title (fr)

Aspirateur avec chambre à filtration et arrangement de sac à poussière dans un aspirateur

Publication

EP 1174073 A3 20021211 (DE)

Application

EP 01116653 A 20010713

Priority

DE 10035696 A 20000720

Abstract (en)

[origin: EP1174073A2] An electric vacuum cleaner (1) has a filter chamber (3) and a retainer for an inserted filter bag (4) having a retaining plate (32). The retainer consists of a spring arm (26) working together with the retaining plate of the filter bag in shape-locking fashion. The spring arm has a fastening end (28) and a retaining end (30). The fastening end is aligned to the floor of the filter chamber whilst the retaining end is aligned to the opening cross-section of the filter chamber. The spring arm is pre-tensioned to the inside of the filter chamber. The spring arm with the inserted filter bag is deflected against the pre-tension to the filter chamber wall.

IPC 1-7

A47L 9/14

IPC 8 full level

A47L 9/14 (2006.01)

CPC (source: EP)

A47L 9/1427 (2013.01); **A47L 9/1436** (2013.01); **A47L 9/1472** (2013.01)

Citation (search report)

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- [Y] DE 29821276 U1 19990311 - AICHNER FILTER GMBH [DE]
- [A] US 5755009 A 19980526 - STEPHENS PAUL D [US], et al
- [A] DE 4013572 A1 19901122 - LICENTIA GMBH [DE]

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DE102014212923A1

Designated contracting state (EPC)

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EP 1174073 A2 20020123; **EP 1174073 A3 20021211**; **EP 1174073 B1 20060607**; AT E328525 T1 20060615; DE 10035696 A1 20020131; DE 50110007 D1 20060720; ES 2264955 T3 20070201

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